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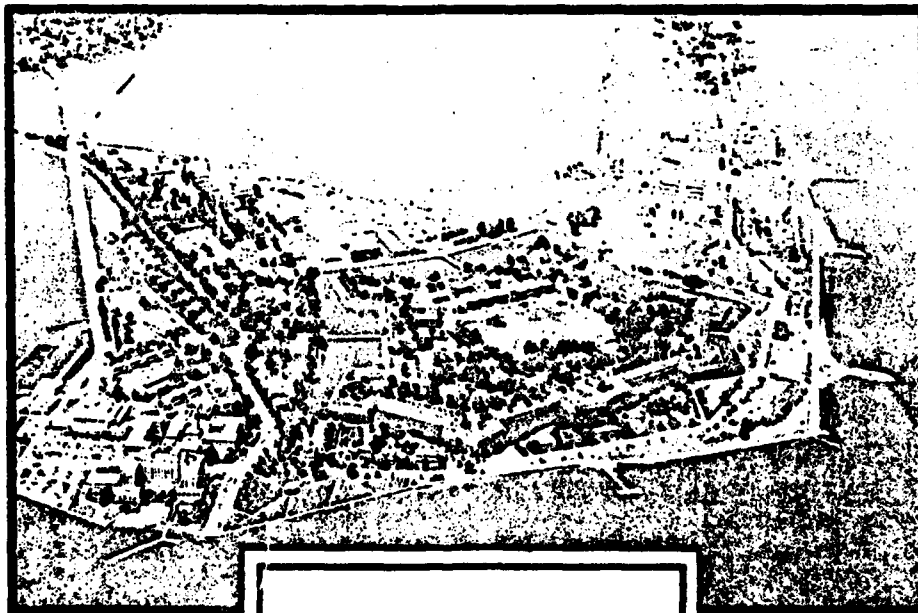
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UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

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Word Criticality Analysis

MOS: 74D

Skill Levels 1 & 2

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER 74D	2. GOVT ACCESSION NO. AD-A116553	3. RECIPIENT'S CATALOG NUMBER
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18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) MOS Vocabulary Readability Comprehension of text Curriculum Development		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report contains terms selected as having some degree of criticality in the training/performance of tasks contained in the respective MOS Soldier's Manual (SM). These critical words were selected by subject matter/job experts knowledgeable in their MOS. The vocabulary set used as the basis for critical word analysis was the Word Frequency Report based on the SM for the same MOS.		

Contents and General Information

1. The Word Criticality Analysis (WCA) reports were reproduced exactly as generated via computer printout. The prime users of this document were fully cognizant of its contents and required no special instructions for interpretation. However, for the sake of other readers, the following brief description of contents is provided.

2. The WCA reports for most MOS are divided as follows:

- o Skill Level I
- o Skill Level II

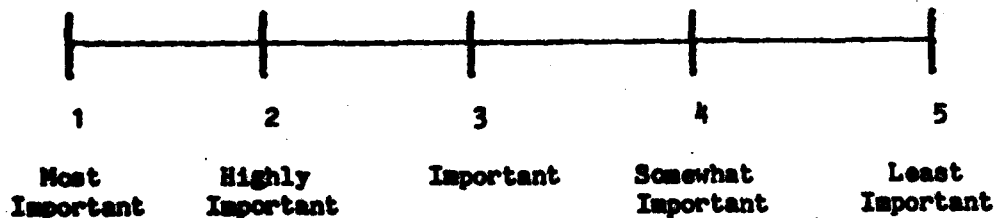
However, due to the way some Soldier Manuals are constructed, the WCA for some MOS have both Skill Levels merged into one report. Each Skill Level is subdivided into two sections.

a. Introductory - these MOS critical words, identified by the code "TRN", represent terms unmatched on the master tape for that MOS. (Reasons for this include: words volunteered as critical; keypunching errors; updating master tapes per changes in SM, etc). NOTE: The number to the left of each critical word is its criticality index defined below.

b. Main - these MOS critical words are ranked alphabetically within a criticality index (defined below) that also is ranked from 1-5. The numbers to the right of the critical words represent the SM page on which that term appeared and its frequency of appearance. Example "222,4" is interpreted as: "4 times on page 222". NOTE: Due to computer programming/sort difficulties, the accuracy of correct page referencing is only approximately 80% for most reports. Improvements in programming and coding increased this accuracy to 95% in those reports completed last (i.e., dated Jan-Mar 82).

3. Word Criticality Index:

The following 5 point rating scale was used by a team of up to 3 subject matter experts from Army MOS proponent schools to rate each word selected as having some importance for training/performing a critical task:



Mission For	
GRA&I	☒
TAB	☐
ounced	☐
ification	
By _____	
Distribution/ _____	
Availability Codes	
Dist	Avail and/or Special
A	23 C



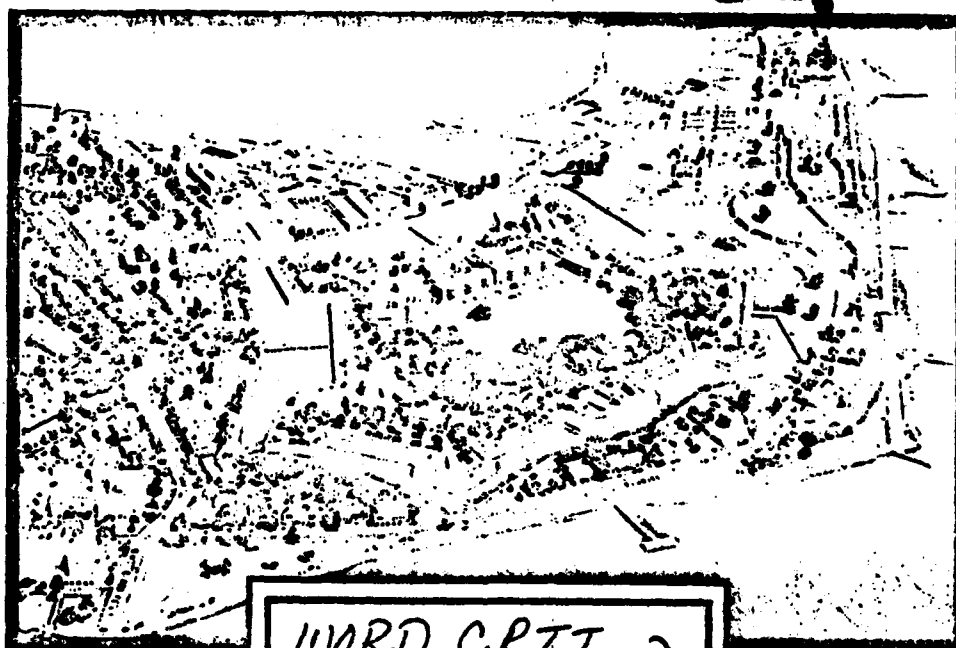
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ORND



WORD CRIT
MOS- 74 D
SKILL LEVEL 1 & 2

Include Addit
TOP

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P = (C)

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ATDP FORM 109 Replaces ATDP 110, Jul 50, which is obsolete

8 MAR 1982

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PAGE NO 2 TYPE RECORD BYTES

2	ABORT	TRAN	00
3	AUTHORIZE	TRAN	00
3	AUTHORIZE	TRAN	00
1	AUTHORITY ACCESS	TRAN	00
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5	AUXILIARY EQUIPMENT	TRAN	00
4	BACKUP FILMS	TRAN	00
1	BASIC LANGUAGE	TRAN	00
1	BEGINNING OF TAPE	TRAN	00
2	BIT	TRAN	00
2	BYTES	TRAN	00
5	CALL PROGRAM	TRAN	00
2	CARTON DRIVE	TRAN	00
2	CARTON DRIVE MECHANISM	TRAN	00
4	CARD COLUMN	TRAN	00
5	CARD DECK	TRAN	00
3	CARD FILE	TRAN	00
3	CARD GUAGE	TRAN	00
5	CARD READER	TRAN	00
4	CARD JAM	TRAN	00
5	CARD PUNCH	TRAN	00
5	CARD READER	TRAN	00
5	CARD STACKER	TRAN	00
5	CARTIAGE CONTROL	TRAN	00
1	CARTIAGE CONTROL DEVICE	TRAN	00
1	CARTIAGE CONTROL MECHANISM	TRAN	00
1	CARTIAGE CONTROL TAPE	TRAN	00
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3	CATHODE RAY TUBE	TRAN	00
5	CENTRAL CONTROL UNIT	TRAN	00
5	CENTRAL PROCESSING UNIT	TRAN	00
3	CERTIFY	TRAN	00
2	CERTIFY	TRAN	00
1	CHANNEL	TRAN	00
2	CHARACTER	TRAN	00
5	COMPUTER COMPLEX	TRAN	00
2	CONSOLE CONTROLS	TRAN	00
2	CONSOLE DEVICE	TRAN	00
1	CONSOLE TYPEWRITER	TRAN	00
2	CONTROL PANEL	TRAN	00
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5	DATA CENTER	TRAN	00
5	DATA CONVERSION	TRAN	00
5	DATA PRINTING	TRAN	00
5	DATA PRINTING ACTIVITY	TRAN	00
1	DEBANDING MACHINE	TRAN	00
5	DEVICE CONNECTION	TRAN	00
5	DISK DRIVE	TRAN	00
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TRAN-Ref

NO 1/2

Non Indexed

RESEARCH

WCA

SEQUENTIAL DATA MANAGER

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1	3 DRAFT	TRN	00
2	2 ELAPSED TIME	TRN	00
1	1 END OF REEL	TRN	00
1	1 END OF TAP	TRN	00
5	5 EQUIPMENT AOP	TRN	00
5	5 EXTERNAL CORE	TRN	00
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5	5 EXTERNAL STORAGE	TRN	00
3	3 FIELDS	TRN	00
5	5 FORMATTING	TRN	00
4	4 HARD COPY	TRN	00
1	1 HARD MATH	TRN	00
2	2 HEADER CARD	TRN	00
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5	5 HOLLERITH CODE	TRN	00
4	4 IN RECORDING WITH	TRN	00
5	5 IN PROGM	TRN	00
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1	1 JOB CONTROL BLANK	TRN	00
5	5 JOB CONTROL LANGUAGE	TRN	00
1	1 JOB PROCEDURES	TRN	00
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2	2 JOB SHEET	TRN	00
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4	4 LOG IN	TRN	00
4	4 LOG OUT	TRN	00
3	3 LOG SHEETS	TRN	00
2	2 MACHINE CYCLE	TRN	00
5	5 MAGNETIC CARDS	TRN	00
2	2 MAGNETIC CORE	TRN	00
1	1 MAGNETIC DISK/DISKETTE	TRN	00
5	5 MAGNETIC DRUM	TRN	00
1	1 MAGNETIC TAPE	TRN	00
1	1 MAGNETIC TAPE MARK	TRN	00
2	2 MAGNETIC TAPE MARKER	TRN	00
1	1 MANUAL OPERATION	TRN	00
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3	3 MISS STORAGE	TRN	00
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2	2 METER	TRN	00
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5	5 MULTITAP COPY	TRN	00
5	5 MULTITAPING SYSTEM	TRN	00
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4	4 PARAMETER	TRN	00
3	3 PAUSE	TRN	00

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1 PHYSICAL ADDRESS	YAN	00
2 POWER DOWN	YAN	00
2 POWER UP	YAN	00
4 PRESSURE SENSITIVE	YAN	00
1 PRIVACY IL*	YAN	00
5 PROGRAMMER	YAN	00
2 PUNCH CARD	YAN	00
1 READ/WRITE HEAD	YAN	00
4 REFERENCE	YAN	00
5 REFLECTIV	YAN	00
5 REINSTATED	YAN	00
1 RESTRICTED ACCESS	YAN	00
1 RESTRICTED AREA	YAN	00
2 RETENTION DATE	YAN	00
1 RTENIN	YAN	00
1 SECURITY VIOLATION	YAN	00
5 SOURCE DOCUMENT	YAN	00
5 SPECIAL CHARACTERS	YAN	00
2 STANDARDS	YAN	00
9 SYSTEM ANALYST	YAN	00
1 SYSTEM TEST	YAN	00
2 TAKE UP REEL	YAN	00
4 TAP DRIVE	YAN	00
5 TAP: PULP	YAN	00
1 TAPE LABEL	YAN	00
3 TAPE LIBRARY	YAN	00
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1 TOP SECRET	YAN	00
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2 UTILIZATION REPORT	YAN	00
2 UTILIZATION REPORT	YAN	00
5 VOLUME NUMBER	YAN	00
1 WAIT LIGHT	YAN	00
2 WAIT STATE	YAN	00
1 WITHDRAWING	YAN	00
MASTER READ 1000	DATA READ 350	INPUT RE ENCODER 101
LPAGE 32	LINE 00	LINE 32
MARKER 3136	BLKSIZE 8000	BLKSIZE 3136

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SYNCSORT FILEDSORTSYNCSORT
WER1368 DCB PARM MISSING ON SORTIN DD
WER1648 CORE 1081L 0114488,REQ MAX USED 0114488
WER1518 SECONDARY EXTENTS OBTAINED 000
WER0368 B = 62
WER0388 NMAX = 252601
WER1638 TRKRS-PATH=000780/SEC=00000/REL=00000
WER0378 C = 1566
WER1778 TURNAROUND SORT PERFORMED
WER1045C END SORT PH
WER2461 FILESIZE 6,112 BYTES
WER0441 FID IN 191, OUT 191
WER1641 TPFIT APPLIED 1234
WER0521 END SYNCSORT OPT= 4, THER0177,STEPS

MOS WORD LIST BY PAGE

MOS-740
SKILL LEVEL 2+2

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rest 7 = 20 Nov 80
regts

1	ABSTAIN	1.1
1	ACKNOWLEDGE	1.1
1	BACKUP	1.3
1	CHECKPOINT	1.1
1	COMPUTER	1.30
1	CONTROL PANEL	1.1
1	CRASH	1.1
1	CYCLE	1.3
1	DECLASSIFY	1.1
1	DEGRADE	1.2
1	DISSEMINATE	1.4
1	DOWNGRADE	1.2
1	ENHANCED	1.1
1	ENHANCE	1.5
1	INPUT	1.15
1	JOB	1.73
1	MAGNETIC	1.45
1	MODEL	1.74
1	MODIFY	1.1
1	MODIFY	1.3
1	OUTPUT	1.40
1	PRINTER	1.3
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1	REVIEW	1.11
1	RESTRICTED	1.3
1	RESTRICTION	1.5
1	REVIEW	1.1
1	REVIEW	1.2
1	REVIEW	1.2
1	SECURITY	1.16
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1	TRIPS	1.12
1	UNCLASSIFIED	1.1
1	VERIFICATION	1.1
1	VERIFY	1.5
1	VIOLATION	1.3
1	VOLUME	1.1
2	ALTERNATE	1.1
2	ANALYZE	1.1
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2	APPLY	1.21
2	DISKETTE	1.0
2	ENVIRONMENT	1.1
2	ERROR	1.4
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2	HUB	1.3
2	INPUT	1.6
2	INTERFERENCE	1.0

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2	ISOLATE	1.1
2	LABEL	1.22
2	MAINTENANCE	1.7
2	MODE	1.1
2	MONITORING	1.2
2	MOUNT	1.5
2	OPTION	1.1
2	PERIPHERAL	1.1
2	PRIORITY	1.1
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2	PUNCH	1.5
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2	SENG	1.6
2	SHIP	1.6
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2	SET	1.3
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2	APPROX	1.13
2	ALLOTTED	1.1
2	ANALYST	1.2
2	APPROX	1.2
2	NO	1.65
2	CANCELED	1.1
2	CANCELLED	1.2
2	CHIEF	1.1
2	CHARACTERISTICS	1.1
2	CHIEF	1.2
2	COMPUTER	1.1
2	CONTROL	1.23
2	COORD	1.1
2	DE	1.13
2	DE	1.13
2	DE	1.2
2	FILE	1.14
2	FORM	1.1
2	COORDINATION	1.7
2	COORDINATE	1.8
2	INFORMATION	1.7
2	INSURE	1.5
2	INTERNAL	1.8
2	JUL	1.3

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3	UNDOFF	1.9
3	UNO	1.31
3	UNOININ	1.2
3	UNOININ	1.1
3	UNOININ	1.12
3	UNOININ	1.1
3	UNOININ	1.1
3	UNOININ	1.9
3	UNOININ	1.7
3	UNOININ	1.1
3	UNOININ	1.1
3	UNOININ	1.4
3	UNOININ	1.1
3	UNOININ	1.3
3	UNOININ	1.4
3	UNOININ	1.2
3	UNOININ	1.3
3	UNOININ	1.1
4	UNOININ	1.30
4	UNOININ	1.9
4	UNOININ	1.1
4	UNOININ	1.1
4	UNOININ	1.3
4	UNOININ	1.14
4	UNOININ	1.15
4	UNOININ	1.3
4	UNOININ	1.2
4	UNOININ	1.2
4	UNOININ	1.2
4	UNOININ	1.15
4	UNOININ	1.35
4	UNOININ	1.5
4	UNOININ	1.1
4	UNOININ	1.2
4	UNOININ	1.6
4	UNOININ	1.3
4	UNOININ	1.2
4	UNOININ	1.2
4	UNOININ	1.2
4	UNOININ	1.4
4	UNOININ	1.1
4	UNOININ	1.2
5	UNOININ	1.7
5	UNOININ	1.2
5	UNOININ	1.3
5	UNOININ	1.37
5	UNOININ	1.2
5	UNOININ	1.3
5	UNOININ	1.2
5	UNOININ	1.2
5	UNOININ	1.1

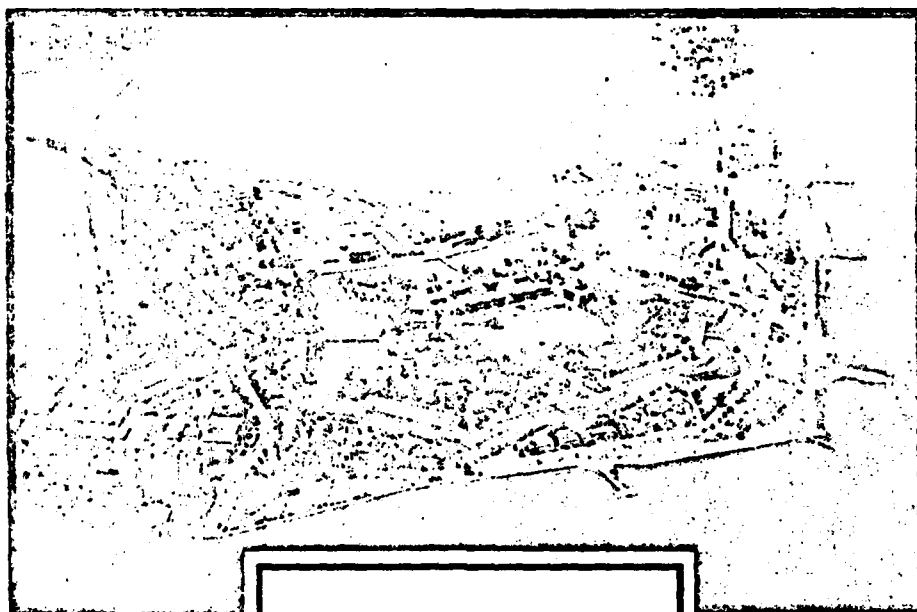
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5	COORDINATE	1.1
5	COPY	1.2
5	CORRECTIVE	1.3
5	CORNER	1.5
5	COTICAL	1.1
5	COST	1.47
5	COST	1.7
5	COTING	1.1
5	COWLEY	1.1
5	COWLEY	1.2
5	COWLING	1.2
5	DEVICE	1.25
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5	DECOMPOSITION	1.1
5	DEISTRIBUTION	1.1
5	DEPARTMENT	1.2
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5	EGGOST	1.1
5	ENTRUSH	1.1
5	ENC	1.3
5	EXPERIMENTAL	1.67
5	EXPERIMENT	1.1
5	EXPLS	1.4
5	FORM	1.7
5	FUNCTIONING	1.1
5	INITIALS	1.1
5	OPERATION	1.11
5	PLANT	1.17
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5	SEMI-DRIVE	1.1
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